call void @llvm.dbg.value(metadata ptr %a, metadata !49, metadata ... !DIExpression()), !dbg !62 call void @llvm.dbg.value(metadata ptr %b, metadata !50, metadata ... !DIExpression()), !dbg !62 call void @llvm.dbg.value(metadata ptr %c, metadata !51, metadata ... !DIExpression()), !dbq !62 call void @llvm.dbg.value(metadata ptr %cond, metadata !52, metadata ...!DIExpression()),!dbg!62 call void @llvm.dbg.value(metadata i32 %n, metadata !53, metadata ...!DIExpression()),!dbg!62 %call = tail call double @getTimeMiliSeconds(), !dbg !63 call void @llvm.dbg.value(metadata double %call, metadata !55, metadata ...!DIExpression()),!dbg!62 %0 = load i32, ptr @EventSet, align 4, !dbg !64, !tbaa !66 %call1 = tail call i32 @PAPI start(i32 noundef %0) #10, !dbg !70 call void @llvm.dbg.value(metadata i32 %call1, metadata !54, metadata ...!DIExpression()),!dbg!62 %cmp.not = icmp eq i32 %call1, 0, !dbg !71 br i1 %cmp.not, label %for.cond.preheader, label %if.then, !dbg !72 for.cond.preheader: if.then: %cmp566 = icmp sgt i32 %n, 0 %5 = load ptr, ptr @stderr, align 8, !dbg !112, !tbaa !114 call void @llvm.dbg.value(metadata i32 0, metadata !56, metadata %call2 = tail call i32 (ptr, ptr, ...) @fprintf(ptr noundef %5, ptr noundef ...!DIExpression()), !dbg!73 ... nonnull @.str, i32 noundef %call1, ptr noundef nonnull @.str.1, i32 noundef br i1 %cmp566, label %for.cond4.preheader.us.preheader, label ... 66) #11, !dbg !112 ... %for.cond.cleanup, !dbg !74 tail call void @exit(i32 noundef %call1) #12, !dbg !112 unreachable, !dbg !112 for.cond4.preheader.us.preheader: %wide.trip.count = zext i32 %n to i64 br label %for.cond4.preheader.us, !dbg !75 for.cond4.preheader.us: %j.068.us = phi i32 [%inc35.us, %for.cond4.for.cond.cleanup6_crit_edge.us ...], [0, %for.cond4.preheader.us.preheader] call void @llvm.dbg.value(metadata i32 %j.068.us, metadata !56, metadata ... !DIExpression()), !dbg !73 call void @llvm.dbg.value(metadata i32 0, metadata !58, metadata ... !DIExpression()), !dbg !76 br label %for.body7.us, !dbg !74 for.body7.us: %indvars.iv = phi i64 [0, %for.cond4.preheader.us], [%indvars.iv.next, .. %for.inc.us] call void @llvm.dbg.value(metadata i64 %indvars.iv, metadata !58, metadata ...!DIExpression()), !dbg!76 %arrayidx.us = getelementptr inbounds i8, ptr %cond, i64 %indvars.iv, !dbg %1 = load i8, ptr %arrayidx.us, align 1, !dbg !77, !tbaa !81, !range !83 %tobool.not.us = icmp eq i8 %1, 0, !dbg !77 br i1 %tobool.not.us, label %for.inc.us, label %if.then8.us, !dbg !84 if.then8.us: %arrayidx10.us = getelementptr inbounds i32, ptr %c, i64 %indvars.iv, !dbg %2 = load i32, ptr %arrayidx10.us, align 4, !dbg !85, !tbaa !66 %add.us = add nsw i32 %2, 4, !dbg !87 %arrayidx12.us = getelementptr inbounds i32, ptr %a, i64 %indvars.iv, !dbg store i32 %add.us, ptr %arrayidx12.us, align 4, !dbg !89, !tbaa !66 %arrayidx14.us = getelementptr inbounds i32, ptr %b, i64 %indvars.iv, !dbg %3 = load i32, ptr %arrayidx14.us, align 4, !dbg !90, !tbaa !66 %cmp17.us = icmp slt i32 %3, %add.us, !dbg !92 br i1 %cmp17.us, label %if.then18.us, label %if.end25.us, !dbg !93 if.then18.us: %mul.us = mul nsw i32 %add.us, %2, !dbg !94 store i32 %mul.us, ptr %arrayidx14.us, align 4, !dbg !96, !tbaa !66 br label %if.end25.us, !dbg !97 if.end25.us: %4 = phi i32 [%mul.us, %if.then18.us], [%3, %if.then8.us], !dbg !98 %add30.us = add nsw i32 %4, %add.us, !dbg !99 store i32 %add30.us, ptr %arrayidx10.us, align 4, !dbg !100, !tbaa !66 br label %for.inc.us, !dbg !101 for.inc.us: %indvars.iv.next = add nuw nsw i64 %indvars.iv, 1, !dbg !102 call void @llvm.dbg.value(metadata i64 %indvars.iv.next, metadata !58, ... metadata !DIExpression()), !dbg !76
%exitcond.not = icmp eq i64 %indvars.iv.next, %wide.trip.count, !dbg !103
br i1 %exitcond.not, label %for.cond4.for.cond.cleanup6_crit_edge.us, label ... %for.body7.us, !dbg !74, !llvm.loop !104 for.cond4.for.cond.cleanup6_crit_edge.us:
%inc35.us = add nuw nsw i32 %j.068.us, 1, !dbg !108
call void @llvm.dbg.value(metadata i32 %inc35.us, metadata !56, metadata
... !DIExpression()), !dbg !73 %exitcond71.not = icmp eq i32 %inc35.us, 10, !dbg !109 br i1 %exitcond71.not, label %for.cond.cleanup, label ... %for.cond4.preheader.us, !dbg !75, !llvm.loop !110 for.cond.cleanup: %6 = load i32, ptr @EventSet, align 4, !dbg !116, !tbaa !66 %call37 = tail call i32 @PAPI stop(i32 noundef %6, ptr noundef nonnull ... @CounterValues) #10, !dbg !118 call void @llvm.dbg.value(metadata i32 %call37, metadata !54, metadata ... !DIExpression()), !dbg !62 %cmp38.not = icmp eq i32 %call37, 0, !dbg !119 br i1 %cmp38.not, label %if.end41, label %if.then39, !dbg !120 if.then39: if.end41: %7 = load ptr, ptr @stderr, align 8, !dbg !121, !tbaa !114 %call40 = tail call i32 (ptr, ptr, ...) @fprintf(ptr noundef %7, ptr noundef ... nonnull @.str, i32 noundef %call37, ptr noundef nonnull @.str.1, i32 noundef %call42 = tail call double @getTimeMiliSeconds(), !dbg !123 %sub = fsub double %call42, %call, !dbg !124 store double %sub, ptr @ExecutionTime, align 8, !dbg !125, !tbaa !126 ... 81) #11, !dbg !121 ret void, !dbg !128 tail call void @exit(i32 noundef %call37) #12, !dbg !121 unreachable, !dbg !121

CFG for 'nested_if_case_1' function